

**POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE  
NEW DELHI**

**Date of Reporting: 7-Jun-15  
System Reliability Indices Report for: 6-Jun-15**

**Percentage (%) of times ATC was violated**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	83	20.75	86.46
2	ER-NR	0	0.00	0.00
3	NEW-SR	3	0.75	3.13
4	ER-NER	0	0.00	0.00

**Percentage(%) of times (N-1) Criteria was violated**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	30	7.50	31.25
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
4	ER-NER	0	0.00	0.00

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.

## Voltage Profile for the day of 06-Jun-2015

Region	Station	%age of time Voltage below 728/380 kV	%age of time Voltage between 728/380 kV & 800/420 kV	%age of time Voltage above 800/420 kV	Voltage deviation index (%age of time voltage is outside IEGC band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	Agra	0.00%	100.00%	0.00%	0.00%	782	749	770
	Ballia	0.00%	100.00%	0.00%	0.00%	773	744	762
	Bhiwani	0.00%	100.00%	0.00%	0.00%	794	761	778
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	744	764
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	777	743	760
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	764	752	760
	Gwalior	0.00%	100.00%	0.00%	0.00%	782	750	769
	Sholapur	0.00%	90.69%	0.14%	0.14%	803	764	784
SR	Raichur	0.00%	99.58%	0.00%	0.00%	800	773	787
	Nellore PS	0.00%	99.72%	0.00%	0.00%	800	783	790
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	416	385	400
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	404
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	778	763	770
	Gaya	0.00%	100.00%	0.00%	0.00%	760	760	760
	Sasaram	0.00%	100.00%	0.00%	0.00%	750	750	750
	Binaguri (400 kV)	0.00%	76.60%	23.40%	23.40%	423	409	418
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	411
	Misa (400 kV)	0.00%	97.15%	0.07%	0.07%	421	404	413

Remarks: Unless otherwise specified, station may be treated as 765kV S/S.